

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A single wireless communication system comprising:
a plurality of communication devices;
a plurality of base stations adapted to provide radio communication resources for use by the plurality of communication devices;
a packet network for connecting the plurality of base stations;
a service management agent associated with an individual communication device of the plurality of communication devices, the service management agent comprising software executing on a microprocessor and adapted to manage the provision in the single wireless communication system of different types of services from a plurality of service providers to the individual communication device.
2. (original) The wireless communication system of claim 1 wherein the service management agent is co-located with the individual communication device.
3. (original) The wireless communication system of claim 1 wherein the service management agent is co-located with a device of the packet network.
4. (cancelled)
5. (original) The wireless communication system of claim 1 wherein the service management agent is co-located with one of the plurality of base stations.

6. (currently amended) The wireless communication system of claim 1 wherein the service management agent is a first service management agent and the individual communication device is a first communication device, the single wireless communication system further comprising:
a second service management agent associated with a second communication device of the plurality of communication devices and adapted to manage the provision in the single wireless communication system of the different types of services from the plurality of service providers to the second a ~~second-communication device of the plurality of communication devices.~~
7. (original) The wireless communication system of claim 6 wherein the first service management agent and the second service management agent are in different locations.
8. (original) The wireless communication network of claim 6 wherein the first service management agent and the second service management agent are co-located.
9. (cancelled)

10. (currently amended) The method of ~~claim 14~~ ~~claim 9~~ wherein the step of determining whether the first service can be provided to the communication device comprises:
- making a positive determination if no other service provider is currently providing another service to the communication device; and
 - making a negative determination if another service provider is currently providing another service to the communication device.
11. (currently amended) The method of ~~claim 14~~ ~~claim 9~~ wherein ~~the service is a first service and~~ the step of determining whether the first service can be provided to the communication device comprises the steps of:
- determining that the second ~~a second~~ service is being provided to the communication device;
 - consulting, by the service management agent, a service criteria for the communication device;
 - determining, from the service criteria whether the first or second service has priority; and
 - if the first service has priority, interrupting the second service.
12. (cancelled)
13. (cancelled)

14. (currently amended) A method for a service management agent to facilitate the provision of services to a communication device comprising the steps of:

receiving, by a service management agent associated with a communication device, a request by a first service provider of a plurality of service providers to provide in a single wireless communication system a first service to the communication device;

determining, by the service management agent, whether the first service can be provided to the communication device, wherein the determining comprises determining whether a second different type of service is being provided in the single wireless communication network to the communication device from a second service provider of the plurality of service providers; and

notifying, the first service provider whether the first service can be provided to the communication device.

15. (currently amended) The method of claim 14 wherein ~~the step of determining comprises the steps of:~~

~~determining whether a second service is being provided to the communication device; and~~

~~if the second a second service is not being provided to the communication device, determining that the first service can be provided to the communication device.~~

16. (original) The method of claim 14 wherein the communication device has a characteristic bandwidth and the step of determining comprises the step of:
- adding the bandwidth required for the first service to the bandwidth required for any other services being provided to the communication device to obtain a total bandwidth; and
 - if the total bandwidth is less than the characteristic bandwidth of the communication device, making the determination that the first service can be provided to the communication device.
17. (currently amended) The method of claim 14 ~~wherein the service provider is a first service provider and~~ wherein the step of determining whether the first service can be provided to the communication device further comprises the steps of:
- determining, by the service management agent that the second a second ~~second~~ service is being provided to the communication device by the second a second ~~second~~ service provider;
 - notifying the communication device, by the service management agent, that the first service provider requests request ~~request~~ to provide the first service to the communication device;
 - responsive to a reply from the communication device, determining that the first service can be provided to the communication device.
18. (original) The method of claim 17 further including the step of:
- notifying the second service provider, by the service management agent, that the second service provider should stop providing the second service to the communication device.

19. (currently amended) The method of claim 14 wherein the first service and the second service are ~~is~~ selected from the group consisting of telephone calls, dispatch calls, pages and electronic mail.
20. (currently amended) The method of claim 14 ~~wherein the service provider is a first service provider and~~ wherein the step of determining whether the first service can be provided to the communication device further comprises the steps of:
- determining, by the service management agent that the second a ~~second~~ service is being provided to the communication device by the second a second ~~a second~~ service provider; and
 - waiting, until the second service is no longer being provided to the communication device by the second service provider; and ~~provider.~~
 - determining, by the service management, agent ~~agent~~ that the first service can be provided to the communication device when the second service is no longer being provided to the communication device.